HDMI to 3G-SDI Video Converter, HDMS-200

User's Manual

CONTENTS

Contents	**1-1**
Specification / Supporting resolution	**1-2**
Installation	**1-3**
Warranty Information	**1-4**
Troubleshooting	**1-5**

Specification

ITEM	DESCRIPTION
Input Signal	HDMI
Output Signal	SDI
VIDEO Input format	RGB(444), YCbCr (444), YCbCr (422)
VIDEO Output format	YCbCr (422)
Input format AUDIO	AES/EBU / 48Khz
Power	7~25V DC
Power Consumption	7W
Dimension	105 x 95 x 25 (mm)

Supporting resolution

SMPTE	Video Formats
SMPTE-425M	3G : 1920*1080p(60/59.94/50)
SMPTE-274M	HD : 1920*1080i (60/59.94/50)
SMPTE-274M	HD : 1920*1080p (30/29.97/25/24/23.98)
SMPTE-296M	HD : 1280*720p (60/59.94/50)
SMPTE-125M	SD : 601*525i (486_ NTSC)
SMPTE-125M	SD : 601*625i (576_PAL)

Installation

STEP1

Plug the AC/DC adapter to AC inlet and connect to receptacle on the product.

STEP2

Connect HDMI source to HDMI input port of HDMS-200 with HDMI cable.

STEP3

Connect SDI display to SDI output port of HDMS-200 with SDI coaxial cable.

Note.1

HDMS-200 has two (2) SDI outputs.

Note.2

HDMS-200 does not have scaling up/down feature. It just converts HDMI to SDI format with same resolution and refresh ratio.

Warranty Information

1 (One) Year Warranty

OPTICIS warrants OPTICIS HDMS-200 HDMI to 3G-SDI converter to be free from defects in workmanship and materials, under normal use and service, for a period of one (1) year from the date of purchase from OPTICIS or its authorized resellers.

If a product does not work as warranted during the applicable warranty period, OPTICIS shall, at its option and expense, repair the defective product or part, deliver to customer an equivalent product or part to replace the defective item, or refund to customer the purchase price paid for the defective product.

All products that are replaced will become the property of OPTICIS.

Replacement products may be new or reconditioned.

Any replaced or repaired product or part has a ninety (90) day warranty or the reminder of the initial warranty period, whichever is longer.

OPTICIS shall not be responsible for any software, firmware, information, or memory data of customer contained in, stored on, or integrated with any products returned to OPTICIS for repair under warranty or not.

Warranty Limitation and Exclusion
OPTICIS shall have no further obligation under the foregoing limited warranty if the product has been damaged due to abuse, misuse, neglect, accident, unusual physical or electrical stress, unauthorized modifications, tampering, alterations, or service other than by OPTICIS or its authorized agents, causes other than from ordinary use or failure to properly use the Product in the application for which said Product is intended.

Troubleshooting

Problem	Remedy Actions
Converter does not Operate	Make sure the 12V power supply is plugged firmly to DC receptacle and AC inlet. Check if the white LED light is on.
No picture (or signal) Or Poor picture	1. If you are using copper based HDMI cable, overall length should not exceed 20ft. Longer than this will result in no or poor picture quality. To extend beyond 20ft, please use fiber optical HDMI extension cables. 2. Make sure all HDMI, SDI connectors are tightly secured to all HDMI, SDI ports. Loose plugging on the connectors will result in no or poor picture. 3. Reboot the converter.
Incorrectly sized picture / resolution or No picture	Reset SDIH-200 by pressing the reset button.

© 2011 Opticis Co., Ltd. All Rights Reserved
Revision 1a

Opticis Locations

Headquarter

Opticis Co., Ltd.
304, ByusanTechnopia, 434-6
Sangdaewon-Dong, Chungwon-Ku,
Sungnam City, Kyungki-Do, 463-120
South Korea
Tel: +82 (31) 737-8033~9
Fax: +82 (31) 707-8079
www.opticis.com

For order support, please contact your Distributor or Reseller.

For technical support, check with the with the Opticis web site www.opticis.com or contact techsupport@opticis.com